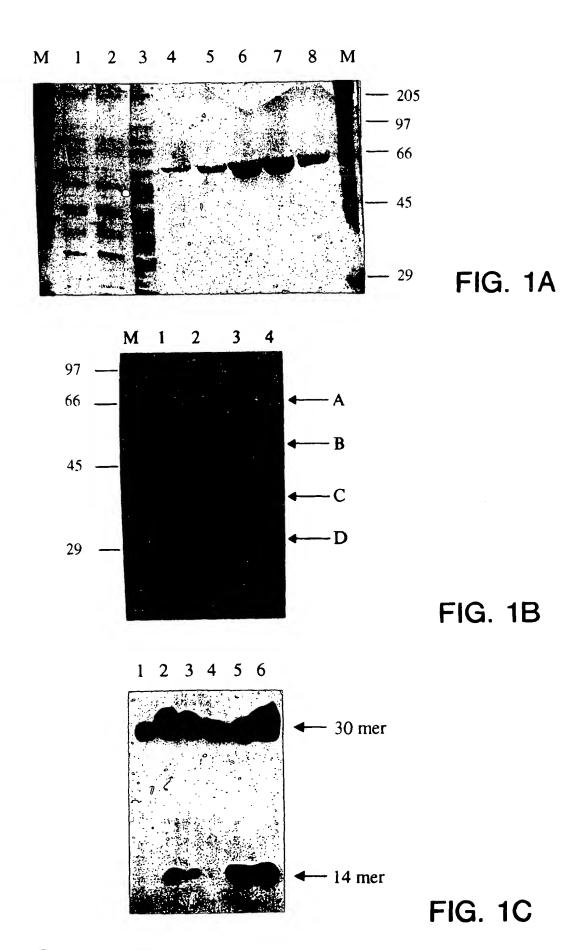
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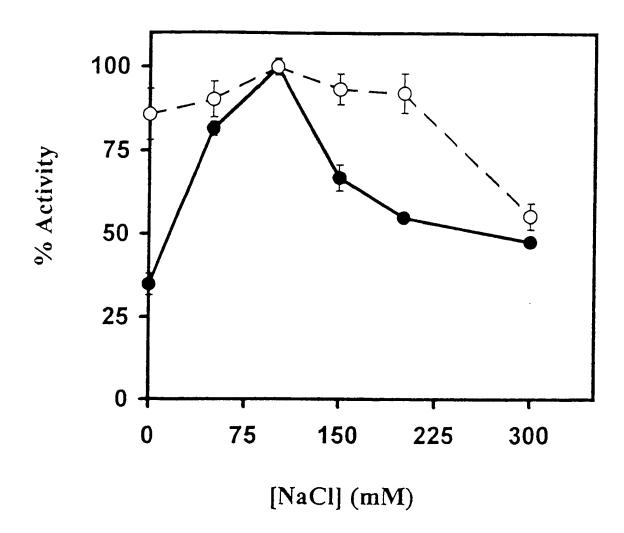


FIG. 2

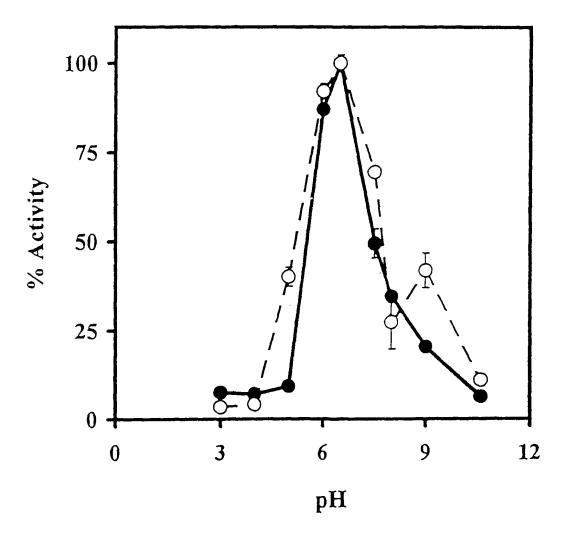


FIG. 3

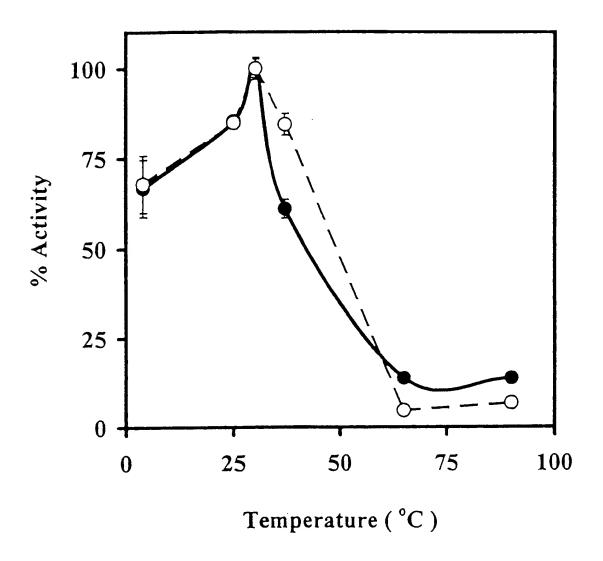


FIG. 4

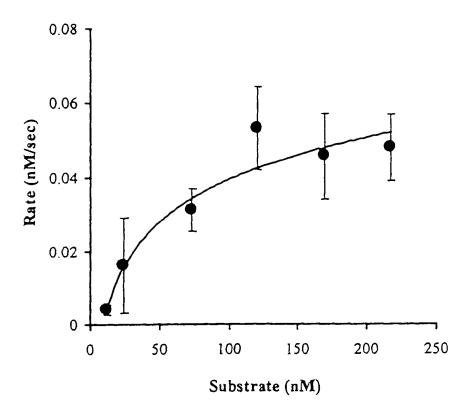


FIG. 5A

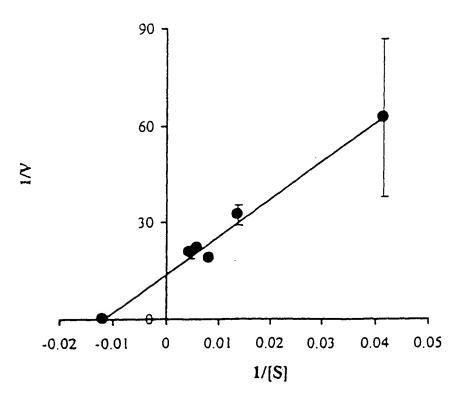


FIG. 5B

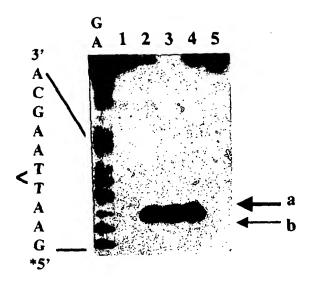
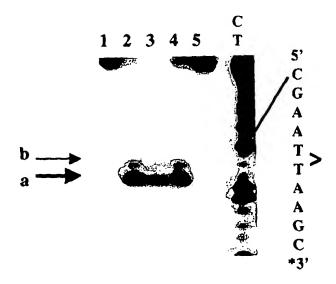
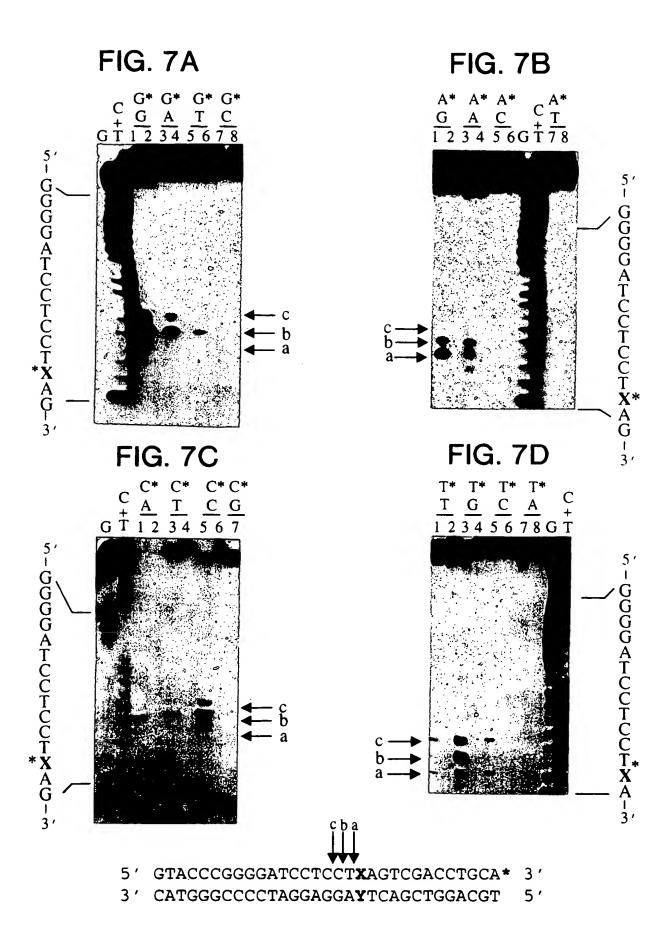


FIG. 6A



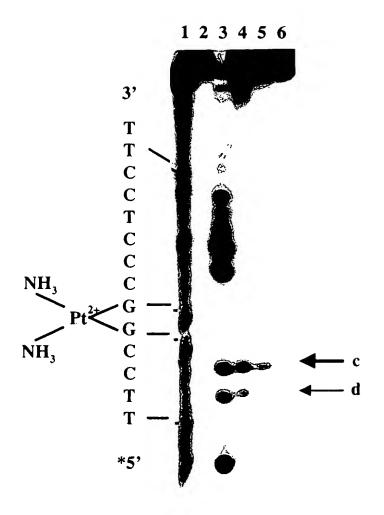
5' ...CTGCACGAAT^TAAGCAATTC... 3'

FIG. 6B



## cs-CPD FIG. 8A FIG. 8B tsI-CPD tsII-CPD 1 2 3 4 – uc FIG. 8D FIG. 8C **Dewar** 1 2 3 4 FIG. 8E

\*5'...GCCTGCACGAAT^TAAGCAATTCG...3'



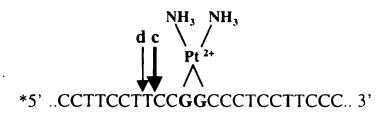
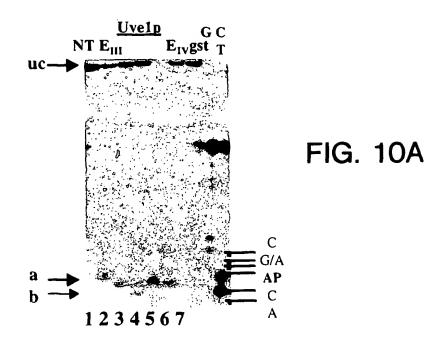


FIG. 9



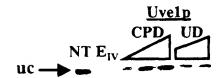
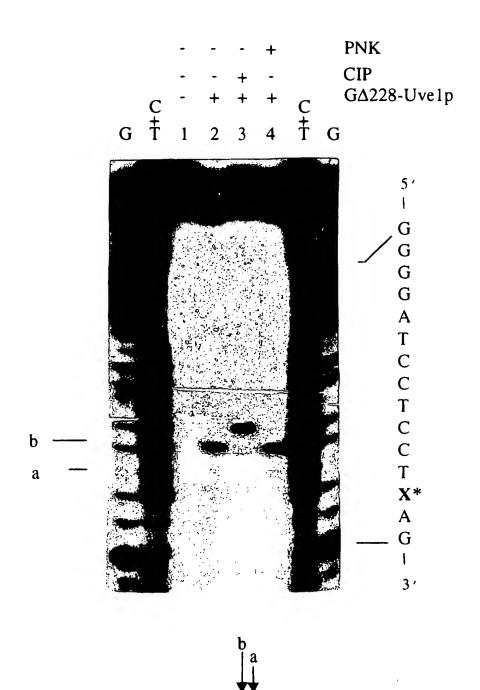


FIG. 10B

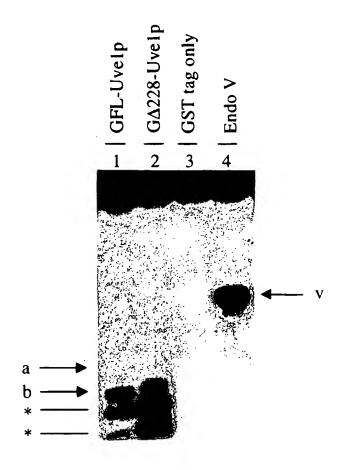
$$\begin{array}{c}
a \longrightarrow \\
b \longrightarrow \\
1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7
\end{array}$$



5' GTACCCGGGGATCCTCCTCAGTCGACCTGCA\* 3

FIG. 11A

<sup>3&#</sup>x27; CATGGGCCCCTAGGAGGAATCAGCTGGACGT 5





3' CATGGGCCCCTAGGAGGAATCAGCTGGACGT 5'

FIG. 11B

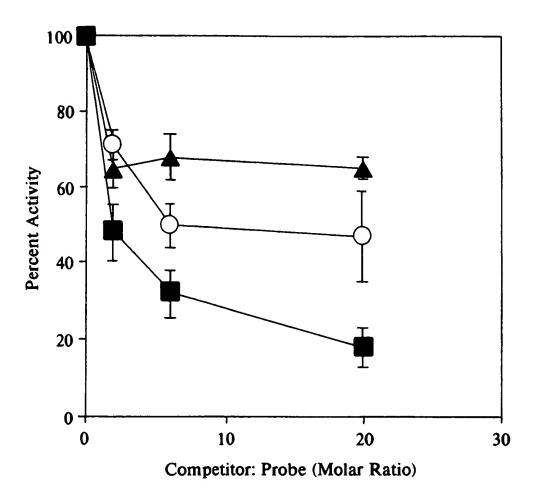
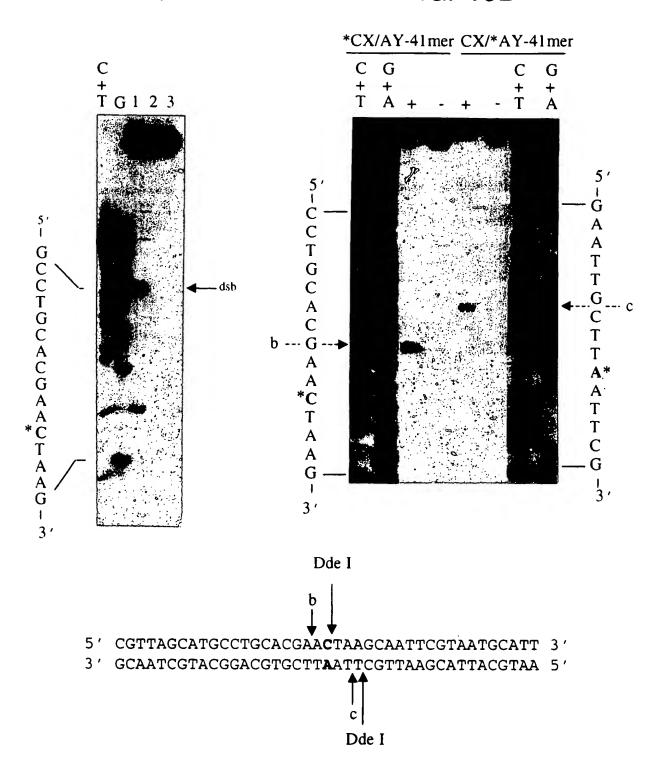


FIG. 12

FIG. 13A

FIG. 13B



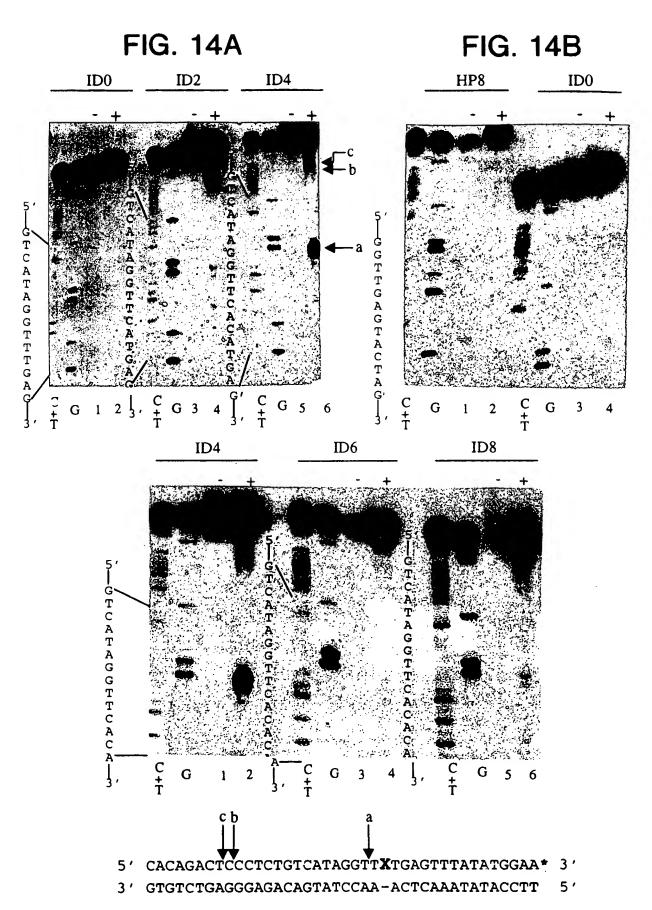
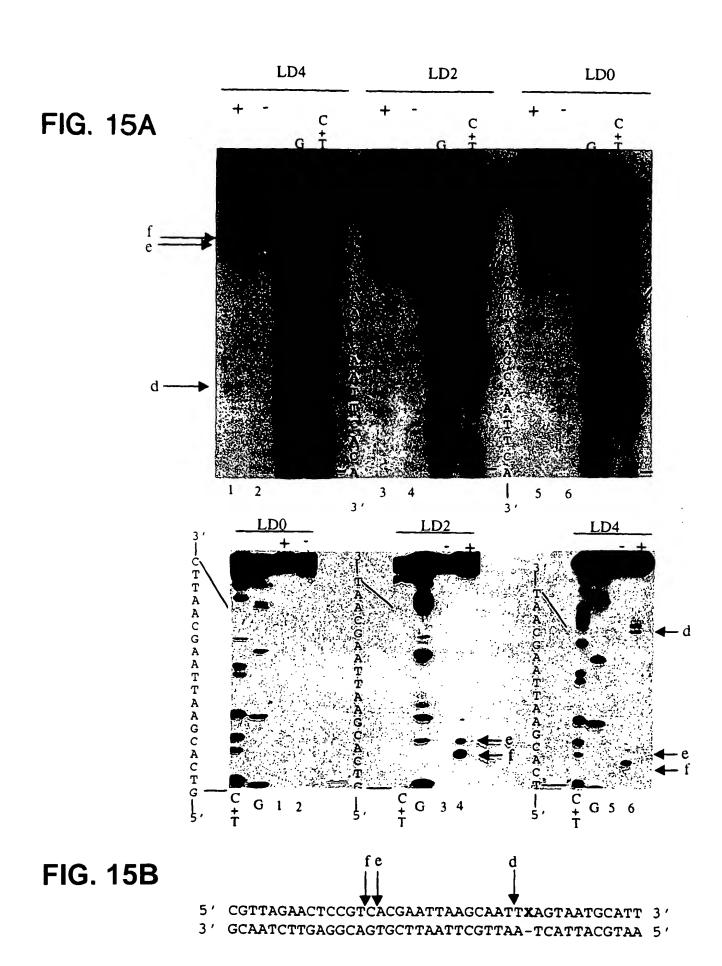
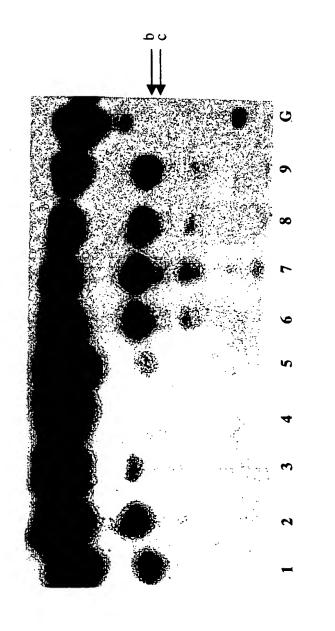


FIG. 14C



Post Immune sera (µg)	80   120   160   Pre Immune sera (μg)	GA228-Uvelp
1	160	+
4	120	+
ı	80	+
٠	40	+
160	ı	+
80 120 160	•	+
80	•	+
40	ı	+
ı		+

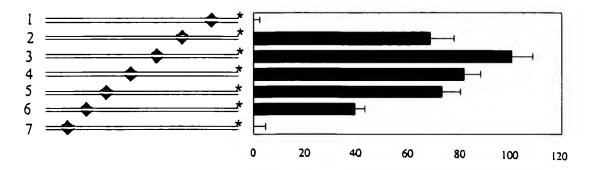


5. CACAGACTCCCTCTGTCATAGGTT TGAGTTTATATGGAA\* 3.
3. GTGTCTGAGGAGACAGTATCCAA-ACTCAAATATACCTT 5.

FIG. 16

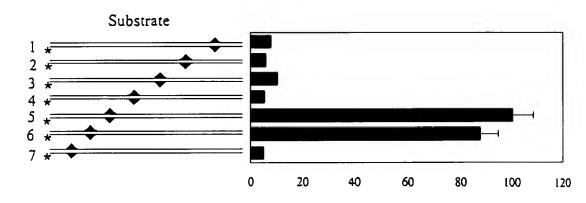
**FIG. 17A** 

Substrate



Percent Cleavage

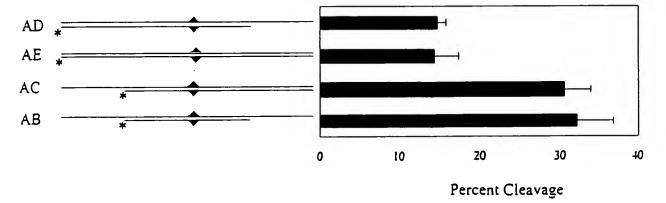
FIG. 17B



Percent Cleavage

FIG. 17C

Substrate



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